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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/415,052	10/08/1999	RANJIT N. NOTANI	020431.0560	4247

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EXAMINER

ELISCA, PIERRE E

ART UNIT

PAPER NUMBER

3621

DATE MAILED: 06/28/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/415,052

Applicant(s)

Ranjit N. Notani

Examiner

Pierre E. Elisca

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE THREE MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136 (a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on Apr 12, 2002
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-44 is/are pending in the application.
- 4a) Of the above, claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-44 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claims _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
*See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).
a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s). _____ 6) ☐ Other:

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DETAILED ACTION

Response to Amendment

1. This Office action is in response to Applicant's amendment filed on 04/19/2002.
2. Claims 1-28 are remained and claims 29-44 are added.

Claim Objections

3. Claims 2-8, 12-18, and 22-28 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 1, 9-11, 19-21, and 29-44 are rejected under 35 U.S.C. 103 (a) as being unpatentable over Noguchi et al (U.S. Pat. No. 5,812,981) in view of Xu et al (U.S. Pat. No. 6,324,581).

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As per claims 1, 19, 20, 21 and 29-35, Noguchi substantially discloses an object oriented part that composed of a data section and a procedure section for defining specification information about I/O and procedure information indicating the processed content at each data item of a business processing program for performing a process about a data item see., abstract (which is seen to read as Applicant claimed invention wherein it is stated that a system for performing a business process).

It is note that Noguchi fails to explicitly disclose Applicant's newly added limitations wherein said determine the first version identifier and the second version identifier and, if the first version is higher than the second version, to exercise control over execution of the business process (which is similar to the previous limitations wherein said first version of a business application that is identified using a first version identifier and executed by a first client to perform business process, and a second version of the business application that is identified using a second version identifier and executed by a second client to perform the business process, wherein the second client is coupled to the first client using a communication link and the second version of the business application is operable to determine a selected one of the first version of the business application). However, Xu discloses a plurality of data mover computers that control access to respective file systems in data storage. A network client serviced by any of the data movers can access each of the file systems. If a data mover receives a client request for access to a file in a file system to which access is controlled by another data mover, then the data mover that received the client request sends a metadata request to the data mover that controls access to the file system....

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see, abstract which is seen to read as applicant's claimed invention detailed above, please note that the data movers of Xu, figs 1-4 also include in the metadata request to the second data mover computer a version identifier identifying the version of the metadata of the second file contained in the first metadata cache memory see., abstract, col 1, lines 65-67, col 2, lines 1-67, col 4, lines 16-67, col 7, lines 52-67, col 8, lines 1-64, col 40, lines 5-20, lines 36-50, the data movers are readable as first version identifier and second version identifier). Xu also discloses that the data movers receive data access commands from clients in the data network using NFS protocol, TCP/IP protocol, and CIFS protocol (see., col 1, lines 22-34, col 3, lines 7-59) and the first client being coupled to a second client using a communication link (see., figs 1-4).

Accordingly, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to modify the business processing program of **Noguchi** by including the limitations detailed above as taught Xu because such modification would provide the business processing program of Noguchi with the enhanced necessary to have a system that can control access to the business application and to obtain data from the data movers or version identifier that control access to the business process.

As per claims 9, 10, 11 and 36-44, Noguchi substantially discloses an object oriented part that composed of a data section and a procedure section for defining specification information about I/O and procedure information indicating the processed content at each data item of a business processing program for performing a process about a data item see., abstract

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(which is seen to read as Applicant claimed invention wherein it is stated that a method for performing a business process).

It is note that Noguchi fails to explicitly disclose Applicant's newly added limitations wherein said at the first, if the first version is higher than the second version, exercising control over execution of the business process (which is similar to the previous limitation wherein said a first version of a business application that is identified using a first version identifier and executed by a first client to perform business process, and a second version of the business application that is identified using a second version identifier and executed by a second client to perform the business process, wherein the second client is coupled to the first client using a communication link and the second version of the business application is operable to determine a selected one of the first version of the business application). **However, Xu** discloses a plurality of data mover computers that control access to respective file systems in data storage. A network client serviced by any of the data movers can access each of the file systems. If a data mover receives a client request for access to a file in a file system to which access is controlled by another data mover, then the data mover that received the client request sends a metadata request to the data mover that controls access to the file system.... see, abstract which is seen to read as applicant's claimed invention detailed above, please note that the data movers of Xu, figs 1-4 also include in the metadata request to the second data mover computer a version identifier identifying the version of the metadata of the second file contained in the first metadata cache memory see., abstract, col 1, lines 65-67, col 2, lines 1-67, col 4, lines 16-67, col 7, lines 52-67, col 8, lines 1-64, col 40, lines

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5-20, lines 36-50, the data movers are readable as first version identifier and second version identifier). Xu also discloses that the data movers receive data access commands from clients in the data network using NFS protocol, TCP/IP protocol, and CIFS protocol (see., col 1, lines 22-34, col 3, lines 7-59).

Accordingly, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to modify the business processing program of **Noguchi** by including the limitations detailed above as taught Xu because such modification would provide the business processing program of Noguchi with the enhanced necessary to have a system that can control access to the business application and to obtain data from the data movers or version identifier that control access to the business process.

Response to Arguments

6. Applicant's arguments filed 04/19/2002 have been fully considered but they are not persuasive. Necessitated by amendment.

CONCLUSION

7. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

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A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

8. The prior art made of record and relied upon is considered to applicant's disclosure.

Any inquiry concerning this communication from the examiner should be directed to Pierre Eddy Elisca at (703) 305-3987. The examiner can normally be reached on Tuesday to Friday from 6:30AM to 5:00PM.

If any attempt to reach the examiner by telephone is unsuccessful, the examiner's supervisor, James Trammell can be reached on (703) 305-9769.

Any response to this action should be mailed to:

Commissioner of Patents of Trademarks

Washington, D.C. 20231

or faxed to:

(703) 308-9051, (for formal communications intended for entry)

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OR

(703) 305-9724, (for informal or draft communications, please label "PROPOSED" or "DRAFT")

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA., Sixth floor (receptionist).



JAMES P. TRAMMELL
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 3800



Pierre Eddy Elisca

Patent Examiner

June 24, 2002